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(54) Title: AN AQUEOUS-LIQUID-ABSORBING AGENT AND ITS PRODUCTION PROCESS

(57) Abstract: An aqueous-liquid-absorbing agent according to this invention is the one comprising water-absorbent resin particles as essential components, wherein the particles are obtained by a process including the step of polymerizing a water-soluble ethylenically unsaturated monomer and have a crosslinked structure in their inside; with the agent exhibiting FSR of not less than 0.2 g/g/s, CRC of 5 to 25 g/g, SFC of not less than $400 \times 10^{-7} \text{ m}^2 \cdot \text{s/g}$, and a wet porosity of not less than 20 %. A process according to this invention for obtaining such an agent is characterized by comprising the steps of: obtaining a hydrogel from an aqueous monomer solution including a water-soluble ethylenically unsaturated monomer and an internal-crosslinking agent of not less than 0.2 mol % in ratio to the monomer; and then extruding this hydrogel from a perforated structure having perforation diameters in the range of 0.3 to 6.4 mm to thereby pulverize the hydrogel.



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